



PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. MBHB 01-099)

In the Application of:)
Rudger Rubbert, et al.) Group Art Unit: 2621
Serial No. 09/834,593)
Filed: April 13, 2001)
Title: Scanning System and Calibration)
Method for Capturing Precise)
Three-Dimensional Information of)
Objects)
Confirmation No. 4535)

TRANSMITTAL LETTER

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington DC 20231

Sir:

1. We are transmitting herewith the attached:
 1. Preliminary Amendment
 2. Return Postcard
2. With respect to additional fees:
 - A. No additional fee is required.
 - B. Attached is a check in the amount of \$_____.
 - C. Charge the total additional fee to our Deposit Account No. 13-2490.
3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box Non-Fee Amendment, Assistant Commissioner for Patents, Washington, D.C. 20231 on this 25 day of November, 2002.

By

Thomas A. Fairhall
Thomas A. Fairhall
Reg. No. 34,591

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#12/A
K1
12-11-02

PRELIMINARY AMENDMENT

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In advance of examination of the application, please add the following new claims.

83

1.124 > 81. A scanner for in-vivo scanning the oral cavity, the scanner comprising:
a light source,
a heated mirror directing light from said light source onto anatomical structures in or
surrounding the oral cavity; and
A1 an electronic imaging device collecting light reflected off of said anatomical structures;
wherein the heating of said mirror prevents fogging of said mirror during in-vivo
scanning.